FACT SHEET

DRAFT HWMA/RCRA PARTIAL-CLOSURE PLAN FOR THE CPP-601 WASTE TRANSFER LINES TO THE TANK FARM FACILITY AT THE IDAHO NUCLEAR TECHNOLOGY AND ENGINEERING CENTER LOCATED AT THE IDAHO NATIONAL LABORATORY EPA ID NO. ID4890008952

This fact sheet sets forth the principal facts pertaining to a draft closure plan that the Idaho Department of Environmental Quality (DEQ) is proposing to approve. The closure plan presents the applicable closure requirements the DEQ intends to require of the United States Department of Energy (DOE) associated with the CPP-601 Waste Transfer Lines to the Tank Farm Facility at the Idaho National Laboratory.

A. PURPOSE OF THE CLOSURE PLAN

Closure plans designate specific administrative and procedural requirements the owner/operator must meet in order to comply with Idaho's Hazardous Waste Management Act (HWMA) of 1983, as amended. DEQ reviewed, and now proposes to approve, the draft plan to close these FDP Systems.

B. PROCEDURES FOR REACHING A FINAL DECISION

IDAPA 58.01.05.009[40 CFR § 265.112(d)(4)] requires that the public be given thirty (30) calendar days to comment on the draft closure plan presented for approval under the HWMA. The comment period will begin June 25, 2008, and will end on July 25, 2008. Any person interested in commenting on this plan must do so within this thirty (30) day calendar day comment period.

At the discretion of the Director of the DEQ, a public hearing may be provided if signed, written requests for a hearing are submitted personally, or sent to the address below, and received on or before July 25, 2008. All persons wishing to comment on the partial-closure plan's conditions should submit comments in writing to:

Robert Bullock
c/o Jennifer Shafer
DEQ Waste Management & Remediation Division
1410 N. Hilton
Boise, ID 83706
Phone: (208) 373-0502

Comments should include all reasonable available references, factual grounds, and supporting material.

When making the final determination regarding the approval of this partial-closure plan, DEQ will consider all written comments received during the public comment period; comments received during the public hearing (if held); the requirements of the hazardous waste regulations of IDAPA 58.01.05.000 et. seq. and all other applicable federal, state or local laws.

C. FACILITY/UNIT DESCRIPTION

The Fuel Process Building CPP-601 was used to reprocess nuclear fuel until April 1992 when the reprocessing mission was terminated. CPP-601 contains numerous waste transfer lines that transferred hazardous waste solutions either between process cells or between process cells and the tank farm facility. Some of these lines were not properly flushed and closed when thelhn00000000 reprocessing mission was terminated. The waste transfer lines that were not properly flushed and closed are the subject of this closure plan. The transfer lines are stainless.

CPP-601 Waste Transfer Lines Subject to HWMA/RCRA Closure Actions

Piping Identification[a]	Origin	Terminus	Estimated Length (ft)	Estimated Maximum Volume (gal)
Current Discharge Piping from CPP-601 to the TFF (see Figure 4)				
2" PU-AR-104854[b] (2" PUA-104854)	2" PY-1404Y	Connection with VES-WM-100	358	62
2" PU-AR-104853[b] (2" PUA-104853)	2" PSA-511	Connection with VES-WM-100	325	57
2" PY-1404Y	Valve RCV-Y-10 and RCV-Y-20	Connection to line 2" PU-AR-104854	10	2
Piping from the G-Cell to the U-Cell (see Figure 5)				
1" PSA-511	VES-G-115	2" PSA-511	15	<1
1" PSA-512	VES-G-116	1" PSA-511	8	<1
2" PSA-511/2" UWA-209	1" PSA-511	2" PU-AR-104853	85	15
2" UWA-210	Cap in the G-Cell	Cap in the U-Cell	50	9
Piping from the H-Cell to the U-Cell (see Figure 5)				
2" UWA-211	Cap in H-Cell	Cap in U-Cell	45	8
2" UWA-212	Cap in H-Cell	Cap in U-Cell	45	8
2" UWA-213	Cap in H-Cell	Cap in U-Cell	45	8
Piping from G-Cell (see Figure 5)				
1" PC-AF-8830	Cap in G-Cell	Cap outside G-Cell	5	<1

a. Line numbers within CPP-601 changed frequently. Most notably, line numbers change between process cells. This system of numbering was put in place at construction of the facility to enhance security of the facility.

b. Lines 2" PU-AR-104853 and 2" PU-AR-104854 are addressed as part of the *RCRA Partial Permit for HWMA Storage and Treatment for the Liquid Waste Management System at the Idaho Nuclear Technology and Engineering Center on the Idaho National Laboratory* (State of Idaho 2007).

D. CLOSURE ACTIVITIES

Closure activities will consist of decontamination of the waste transfer lines identified in the table above. Lines will be decontaminated by primarily by flushing them with water. Samples of the final rinse will be collected and analyzed to demonstrate the hazardous waste has been removed from the lines. One short embedded piping stub (PC-AF-8830) will be decontaminated by physical/abrasive (scrubbing/scouring).

E. CLOSURE PLAN ORGANIZATION

The closure plan is divided into eleven sections and one appendix as follows:

SECTION	**TITLE**
1	INTRODUCTION
2	FACILITY DESCRIPTION
3	MAXIMUM HAZARDOUS WASTE INVENTORY AND CHARACTERISTICS
4	CLOSURE PERFORMANCE STANDARD
5	CLOSURE ACTIVITIES
6	CLOSURE SCHEDULE
7	CLOSURE PLAN AMENDMENTS
8	CERTIFICATION OF CLOSURE
9	COST AND LIABILITY REQUIREMENTS
10	REFERENCES

ATTACHMENT	Sampling Procedure for Closure Of the CPP-601Waste Transfer Lines to the Tank Farm Facility